

JUN 21 1982

U.S. DEPARTMENT OF LABOR  
WORKPLACE STANDARDS ADMINISTRATION  
BUREAU OF LABOR STANDARDSFORM NO. OSHA-20 (MODIFIED)  
MAY 1971MDC CONTROL NO. **DMS 1827**  
Type 2; Grade A

## MATERIAL SAFETY DATA SHEET

## SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME <b>PEMACO INC.</b>		EMERGENCY TELEPHONE NO. <b>(213) 581-7185</b>
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) <b>5989 District Blvd., Maywood, Ca. 90270</b>		
CHEMICAL NAME AND SYNONYMS <b>Sulfo-chlorinated Cutting Oil</b>	TRADE NAME AND SYNONYMS <b>PEMS 11570</b>	
CHEMICAL FAMILY <b>Petroleum Oil plus additives</b>	FORMULA <b>TM 11570</b>	

## SECTION II: HAZARDOUS INGREDIENTS\*

PAINTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*				%	TLV (UNITS)
none					

## SECTION III: PHYSICAL DATA

BOILING POINT (°F)		SPECIFIC GRAVITY (H <sub>2</sub> O = 1) @60°F.	0.922
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR = 1)		EVAPORATION RATE	
SOLUBILITY IN WATER	Insoluble		
APPEARANCE AND ODOR	Amber liquid with characteristic mild odor.		

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	300°F. (C.O.C.)	FLAMMABLE LIMITS	Lel	Uel
		N/A		
EXTINGUISHING MEDIA	Dry chemical type preferred			
SPECIAL FIRE FIGHTING PROCEDURES	none			

## UNUSUAL FIRE AND EXPLOSION HAZARDS

none

\*PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES.  
USE SPECIFIC CHEMICAL NAMES, SUCH AS METHANOL, BENZENE, PERCHLOROETHYLENE.

## SECTION V: HEALTH HAZARD DATA

## THRESHOLD LIMIT VALUE

5 mg./cubic meter. (applies to oil mist only)

## EFFECTS OF OVEREXPOSURE

Slight irritation to eyes and skin.

## EMERGENCY AND FIRST AID PROCEDURES

Skin - remove by wiping, followed by washing with soap and water.

Eyes - flush with copious quantities of water.

## SECTION VI: REACTIVITY DATA

STABILITY	UNSTABLE	CONDITIONS TO AVOID
	STABLE	X

## INCOMPATIBILITY (MATERIALS TO AVOID)

## HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION	MAY OCCUR	CONDITIONS TO AVOID
	WILL NOT OCCUR	X

## SECTION VII: SPILL OR LEAK PROCEDURES

## STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Soak up spill with an inert absorbant material such as clay or diatomaceous earth.

## WASTE DISPOSAL METHOD

Controlled burning or legal waste disposal.

## SECTION VIII: SPECIAL PROTECTION INFORMATION

## RESPIRATORY PROTECTION (SPECIFY TYPE)

none normally required

VENTILATION	LOCAL EXHAUST	SPECIAL
	as required if mist is generated.	
	MECHANICAL (GENERAL)	OTHER

## PROTECTIVE GLOVES

Neoprene rubber gloves

## EYE PROTECTION

Goggles if oil is sprayed.

## OTHER PROTECTIVE EQUIPMENT

## SECTION IX: SPECIAL PRECAUTIONS

## PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in a cool area.

## OTHER PRECAUTIONS

X Avoid breathing of oil mist and prolonged skin contact.

PREPARED BY

J.P. Skyrus

June 8, 1982

DATE